

WHAT IS CLAIMED IS:

1. A print system comprising:
a printer; and
a computer communicated with the printer,
5 wherein the printer comprises: an operation
panel for receiving a print setting instruction from
a user;
an operation panel controller for generating an
interruption event to the computer, according to the
10 instruction received by the operation panel; and
a printer engine for performing printing, and
wherein the computer comprises:
detecting means for detecting the interruption
event from an external device; and
15 a display control unit for displaying a print
preview in which a print setting is reflected in real
time, in response to detecting the interruption event
by the detecting means.
- 20 2. A print system according to claim 1, wherein
the computer further comprises a control unit for
generating print data reflecting the print setting,
and performing a print request to the printer.
- 25 3. A print system according to claim 1, wherein
the computer further comprises:
a receiving unit for receiving the interruption

event;

a print setting management unit for managing the print setting instructed with the operation panel;

5 an image data management unit for receiving and managing image data from a memory card attached to the printer;

a print control unit; and

a print data generation unit.

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4. A print system according to claim 3, wherein the print data generation unit converts the image data from the image data management unit to print data based on information from the print setting management unit, and sends the generated print data
15 to the printer.

5. A print system according to claim 1, wherein the printer includes a direct print controller for
20 executing printing without an intermediation of the computer so that printing is executable with the printer alone.

6. A print system according to claim 5, wherein
25 the printer solely executes print processing, according to an instruction from the print control unit of the computer.

7. A print system according to claim 5, wherein,
when printing cannot be executed using the print data
from the print data generation unit, the computer
requests the printer to switch to direct print
5 processing without the intermediation of the computer.

8. A print system comprising a printer and a
host computer communicably connected with each other
via a printer driver, the printer and the host
10 computer each including a communication interface for
mutually sending and receiving information in real
time, the print system comprising:

detecting means for detecting an interruption
event transferred from the printer to the host
15 computer, each time an instruction is given using a
button arranged on an operation panel provided to the
printer; and

print preview display means for, in response to
the interruption event detected by the detecting
20 means, obtaining image data read out from a memory
card attachable to the printer, and a print setting
set using the operation panel, and controlling a
print preview display in which the print setting is
reflected in real time to a display device of the
25 host computer, and an update display of the print
preview display.

9. An information processing device connected communicably with a printer including a communication interface for mutually sending and receiving information in real time, the information processing
5 device comprising:

detecting means for detecting an interruption event transferred from the printer, each time an instruction is given using a preview button arranged on an operation panel provided to the printer; and
10 print preview display means for, in response to the interruption event detected by the detecting means, obtaining image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and controlling a
15 print preview display in which the print setting is reflected in real time to a display device, and an update display of the print preview display.

10. A printer communicable with an information
20 processing device including a communication interface for sending and receiving information in real time, the printer comprising:

a first transferring means for transferring to the information processing device an interruption
25 event transferred from the printer, each time an instruction is given using a preview button arranged on an operation panel; and

a second transferring means for transferring image data read out from an attachable memory card, and a print setting that is set using the operation panel, based on a request from the information processing device, in response to the interruption event.

11. A control method for a print system comprising a printer and a computer communicably connected with each other via a printer driver, the printer and the computer each including a communication interface for mutually sending and receiving information in real time, the control method comprising:

15 detecting an interruption event transferred from the printer to the computer, each time an instruction is given using a predetermined button provided to the printer; and

controlling a print preview display so as to in response to the interruption event detected by the detecting, obtain image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and control a print preview display in which the print setting is reflected to a display device of the computer, and an update display of the print preview display.

12. A control method for an information processing device connected communicably with a printer including a communication interface for sending and receiving information in real time, the
5 control method comprising:

detecting an interruption event transferred from the printer, each time an instruction is given using a button provided to the printer; and

controlling a print preview display so as to in
10 response to the interruption event detected by the detecting, obtain image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and control a print preview display in which the print setting is
15 reflected in real time to a display device, and an update display of the print preview display.

13. A control method for a printer communicable with an information processing device including a
20 communication interface for sending and receiving information in real time, the control method comprising:

transferring to the information processing device an interruption event transferred from the
25 printer, each time an instruction is given using a button arranged; and

transferring image data read out from an

attachable memory card, and a print setting that is set using the operation panel, based on a request from the information processing device, in response to the interruption event.

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14. A storage medium for computer-readably storing a program that is used for implementing a control method for a print system comprising a printer and a computer communicably connected with each other via a printer driver, the printer and the computer each including a communication interface for mutually sending and receiving information in real time, the control method comprising:

detecting an interruption event transferred from the printer to the computer, each time an instruction is given using a predetermined button provided to the printer; and

controlling a print preview display so as to in response to the interruption event detected by the detecting, obtain image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and control a print preview display in which the print setting is reflected to a display device of the computer, and an update display of the print preview display.

15. A storage medium for computer-readably

storing a program that is used for implementing a control method for an information processing device connected communicably with a printer including a communication interface for sending and receiving
5 information in real time, the control method comprising:

detecting an interruption event transferred from the printer, each time an instruction is given using a button provided to the printer; and

10 controlling a print preview display so as to in response to the interruption event detected by the detecting, obtain image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and control a print
15 preview display in which the print setting is reflected in real time to a display device, and an update display of the print preview display.

16. A storage medium for computer-readably
20 storing a program that is used for implementing a control method for a printer communicable with an information processing device including a communication interface for sending and receiving information in real time, the control method
25 comprising:

transferring to the information processing device an interruption event transferred from the

printer, each time an instruction is given using a button arranged; and

transferring image data read out from an attachable memory card, and a print setting that is
5 set using the operation panel, based on a request from the information processing device, in response to the interruption event.

17. A program that is used for implementing a
10 control method for a print system comprising a printer and a computer communicably connected with each other via a printer driver each including a communication interface for mutually sending and receiving information in real time, the control
15 method comprising:

detecting an interruption event transferred from the printer to the computer, each time an instruction is given using a predetermined button provided to the printer; and

20 controlling a print preview display so as to in response to the interruption event detected by the detecting, obtain image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and control a print
25 preview display in which the print setting is reflected to a display device of the computer, and an update display of the print preview display.

18. A program that is used for implementing a control method for an information processing device connected communicably with a printer including a communication interface for sending and receiving
5 information in real time, the control method comprising:

detecting an interruption event transferred from the printer, each time an instruction is given using a button provided to the printer; and
10 controlling a print preview display so as to in response to the interruption event detected by the detecting, obtain image data read out from a memory card attachable to the printer, and a print setting set using the operation panel, and control a print
15 preview display in which the print setting is reflected in real time to a display device, and an update display of the print preview display.

19. A program that is used for implementing a
20 control method for a printer communicable with an information processing device including a communication interface for sending and receiving information in real time, the control method comprising:

25 transferring to the information processing device an interruption event transferred from the printer, each time an instruction is given using a

button arranged; and

transferring image data read out from an
attachable memory card, and a print setting that is
set using the operation panel, based on a request
5 from the information processing device, in response
to the interruption event.